查询RD27JSAB供应商

Certificate Number: Q10561
Certificate Number: E17276

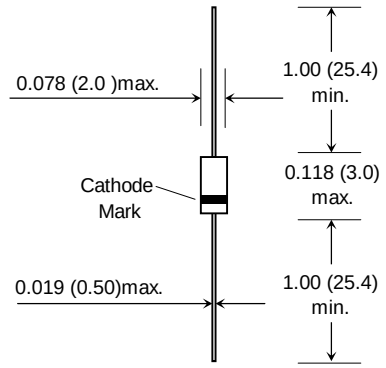
RD4.7JS ~ RD39JS

SILICON ZENER DIODES

V_Z : 4.7 - 39 Volts

P_D : 400 mW

DO - 34 Glass



Dimensions in inches and (millimeters)

FEATURES :

* Complete 4.7 to 39 Volts
* High peak reverse power dissipation
* High reliability
* Low leakage current
* Pb / RoHS Free

MECHANICAL DATA

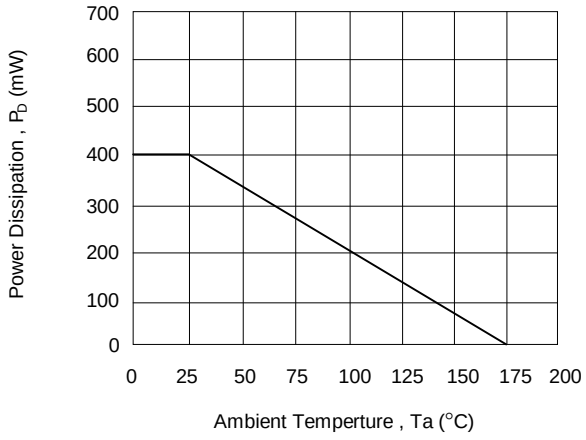
Case: DO-34 Glass Case
Weight: approx. 0.13g

MAXIMUM RATINGS

Rating at 25 °C ambient temperature unless otherwise specified

Rating	Symbol	Value	Unit
Power Dissipation	P_D	400	mW
Forward Current	I_F	150	mA
Junction Temperature Range	T_j	- 55 to + 175	°C
Storage Temperature Range	T_s	- 55 to + 175	°C

Derating Curve



ELECTRICAL CHARACTERISTICS

Rating at 25 °C ambient temperature unless otherwise specified

Type Number	Suffix	Zener Voltage [1] V_Z (V)			Dynamic Impedance Z_Z(W)		Knee Dynamic Impedance Z_{ZK}(W)		Reverse Current I_R(mA)	
		Min.	Max.	I_Z (mA)	Max.	Iz (mA)	Max.	Iz (mA)	Max.	V_R (V)
RD4.7JS	AB	4.42	4.90	5	100	5	800	0.5	2.0	1.0
	AB1	4.42	4.61							
	AB2	4.55	4.75							
	AB3	4.69	4.90							
RD5.1JS	AB	4.84	5.37	5	80	5	500	0.5	2.0	1.5
	AB1	4.84	5.04							
	AB2	4.98	5.20							
	AB3	5.14	5.37							
RD5.6JS	AB	5.31	5.92	5	60	5	200	0.5	1.0	2.5
	AB1	5.31	5.55							
	AB2	5.49	5.73							
	AB3	5.67	5.92							
RD6.2JS	AB	5.86	6.53	5	60	5	100	0.5	1.0	3.0
	AB1	5.86	6.12							
	AB2	6.06	6.33							
	AB3	6.26	6.53							
RD6.8JS	AB	6.47	7.14	5	40	5	60	0.5	0.5	3.5
	AB1	6.47	6.73							
	AB2	6.65	6.93							
	AB3	6.86	7.14							
RD7.5JS	AB	7.06	7.84	5	30	5	60	0.5	0.5	4.0
	AB1	7.06	7.36							
	AB2	7.28	7.60							
	AB3	7.52	7.84							
RD8.2JS	AB	7.76	8.64	5	30	5	60	0.5	0.5	5.0
	AB1	7.76	8.10							
	AB2	8.02	8.36							
	AB3	8.28	8.64							
RD9.1JS	AB	8.56	9.55	5	30	5	60	0.5	0.5	6.0
	AB1	8.56	8.93							
	AB2	8.85	9.23							
	AB3	9.15	9.55							
RD10JS	AB	9.45	10.55	5	30	5	60	0.5	0.1	7.0
	AB1	9.45	9.87							
	AB2	9.77	10.21							
	AB3	10.11	10.55							
RD11JS	AB	10.44	11.56	5	30	5	60	0.5	0.1	8.0
	AB1	10.44	10.88							
	AB2	10.76	11.22							
	AB3	11.10	11.56							
RD12JS	AB	11.42	12.60	5	30	5	80	0.5	0.1	9.0
	AB1	11.42	11.90							
	AB2	11.74	12.24							
	AB3	12.08	12.60							
RD13JS	AB	12.47	13.69	5	37	5	80	0.5	0.1	10
	AB1	12.47	13.03							
	AB2	12.91	13.49							
	AB3	13.37	13.96							
RD15JS	AB	13.84	15.52	5	42	5	80	0.5	0.1	11
	AB1	13.84	14.46							
	AB2	14.34	14.98							
	AB3	14.85	15.52							

ELECTRICAL CHARACTERISTICS

Rating at 25 °C ambient temperature unless otherwise specified

Type Number	Suffix	Zener Voltage [1] V_Z (V)			Dynamic Impedance Z_Z(W)		Knee Dynamic Impedance Z_{ZK}(W)		Reverse Current I_R(mA)	
		Min.	Max.	I_Z (mA)	Max.	Iz (mA)	Max.	Iz (mA)	Max.	V_R (V)
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RD16JS	AB	15.37	17.09	5	50	5	80	0.5	0.1	12
	AB1	15.37	16.01							
	AB2	15.85	16.51							
	AB3	16.35	17.09							
RD18JS	AB	16.94	19.03	5	65	5	80	0.5	0.1	13
	AB1	16.94	17.70							
	AB2	17.56	18.53							
	AB3	18.21	19.03							
RD20JS	AB	18.86	21.08	5	85	5	100	0.5	0.1	15
	AB1	18.86	19.70							
	AB2	19.52	20.39							
	AB3	20.21	21.08							
RD22JS	AB	20.88	23.17	5	100	5	100	0.5	0.1	17
	AB1	20.88	21.77							
	AB2	21.54	22.47							
	AB3	22.23	23.17							
RD24JS	AB	22.93	25.57	5	120	5	120	0.5	0.1	19
	AB1	22.93	23.96							
	AB2	23.72	24.78							
	AB3	24.54	25.57							
RD27JS	AB	25.20	28.61	5	150	5	150	0.5	0.1	21
	AB1	25.20	26.50							
	AB2	26.19	27.53							
	AB3	27.21	28.61							
RD30JS	AB	28.22	31.74	5	200	5	200	0.5	0.1	23
	AB1	28.22	29.66							
	AB2	29.19	30.69							
	AB3	30.20	31.74							
RD33JS	AB	32.18	34.83	5	250	5	250	0.5	0.1	25
	AB1	32.18	32.78							
	AB2	32.15	33.79							
	AB3	33.13	34.83							
RD36JS	AB	34.12	37.91	5	300	5	300	0.5	0.1	27
	AB1	34.12	35.86							
	AB2	35.07	36.87							
	AB3	36.07	37.91							
RD39JS	AB	37.04	40.99	5	360	5	360	0.5	0.1	30
	AB1	37.04	38.94							
	AB2	38.00	39.94							
	AB3	38.99	40.99							

Notes:

(1) tested with pulse (40 ms).

(2) Z_Z and Z_{ZK} are measured at I_Z by given a very small A.C. current signal.

(3) Suffix AB is suffix AB1, AB2 or suffix AB3.